

FORM PTO-1449

ATTY.
DOCKET

86461

SERIAL NO.

10/197,620

10/797708

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Winberg et al.

FOR APPLICANT'S INFORMATION

FILING DATE

7/16/2002

GROUP

2851

DISCLOSURE STATEMENT

FOR:

UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
D.R.		2	4	0	4	1	3	8	Oct. 6, 1941	Mayer, A.L.	95	94
		3	5	2	0	6	8	9	Jul. 14, 1970	Nagae et al.	96	55
		3	5	2	0	6	9	0	Jul. 14, 1970	Nagae et al.	96	55
		3	5	8	7	4	3	5	Jun. 28, 1971	Chioffe	95	89
		3	6	1	5	4	7	9	Oct. 26, 1971	Kohler et al.	96	48
		3	6	1	5	4	9	8	Oct. 26, 1971	Aral	96	55
		3	6	1	7	2	8	2	Nov. 2, 1971	Bard	96	59
		3	7	4	7	1	2	0	Jul 17, 1973	Stemme	346	75
		3	9	0	3	5	4	1	Sep. 2, 1975	Von Meister et al.	354	317
		3	9	4	6	3	9	8	Mar 23, 1976	Kyser et al.	346	1
		3	9	5	9	0	4	8	May 25, 1976	Stanfield et al.	156	94
		4	0	2	6	7	5	6	May 31, 1977	Stanfield et al.	156	554
		4	0	8	1	5	7	7	Mar. 28, 1978	Horner	427	424
		4	1	4	2	1	0	7	Feb. 27, 1979	Hatzakis et al.	250	571
		4	2	1	5	9	2	7	Aug. 5, 1980	Grant et al.	354	317
		4	2	4	9	9	8	5	Feb. 10, 1981	Stanfield	156	554
		4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75
		4	4	9	0	7	2	9	Dec. 25, 1984	Clark et al.	346	75
D.R.		4	5	0	1	4	8	0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
D.R.		WO 90/01240							Feb. 8, 1990	PCT	H04N	1/40
		WO 91/09493							Jun. 27, 1991	PCT	H04N	5/217
		WO 97/25652							Jul. 17, 1997	PCT	G03D	5/00
		WO 98/19216							May 7, 1998	PCT	G03C	5/29
		WO 98/25399							Jun. 11, 1998	PCT	H04N	1/38
		WO 98/31142							Jul. 16, 1998	PCT	H04N	5/253
D.R.		WO 93/34157							Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

D.R.		"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, pp. 546-550, 1994.										
		"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", Aich, T., et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.										
		"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", Rangayyan, R., et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.										
		"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.										
		"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", Stimpson, D., et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.										
		"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", Hayes, D. et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.										
D.R.		"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", Wallace, D., MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 6-9, Nov., 1996.										

EXAMINER: *Butterfly* DATE CONSIDERED 7/9/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO FORM 4/92						Page 2 of 1						
FORM PTO-1449						ATTY. DOCKET 86461 SERIAL NO. 10/197,620 10/742728						
LIST OF PATENTS AND PUBLICATIONS						APPLICANT Winberg et al.						
FOR APPLICANT'S INFORMATION						FILING DATE 7/16/2002 GROUP 2851						
DISCLOSURE STATEMENT						FOR:						
UNITED STATES LETTERS PATENT												
		DOCUMENT NUMBER						DATE	NAME	CLASS	SUB CLASS	
D.R.		4	5	6	4	2	8	0	Jan. 14, 1986	Fukuda	354	317
		4	5	9	4	5	9	8	Jun. 10, 1986	Iwagami	346	140
		4	6	2	1	0	3	7	Nov. 4, 1986	Kanda et al.	430	30
		4	6	2	3	2	3	6	Nov. 18, 1986	Stella	354	318
		4	6	3	6	8	0	8	Jan. 13, 1987	Herron	346	75
		4	6	6	6	3	0	7	May 19, 1987	Matsumoto et al.	356	404
		4	6	7	0	7	7	9	Jun 2, 1987	Nagano	358	75
		4	7	3	6	2	2	1	Apr. 5, 1988	Shidara	354	317
		4	7	4	5	0	4	0	May 17, 1988	Levine	430	21
		4	7	5	5	8	4	4	Jul. 5, 1988	Tsuchiya et al.	354	317
		4	7	7	7	1	0	2	Oct. 11, 1988	Levine	430	21
		4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
		4	8	1	4	6	3	0	Mar. 21, 1989	Lim	250	578
		4	8	2	1	1	1	4	Apr. 11, 1989	Gebhardt	358	75
		4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
		4	8	5	1	3	1	1	Jul. 25, 1989	Millis et al.	430	30
		4	8	5	7	4	3	0	Aug. 15, 1989	Millis et al.	430	30
		4	8	7	5	0	6	7	Oct. 17, 1989	Kanzaki et al.	354	325
D.R.		4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER						DATE	COUNTRY.	CLASS	SUB CLASS	
D.R.		WO 98/34397						Aug. 6, 1998	PCT	H04N		
		WO 99/43148						Aug. 26, 1999	PCT	H04N	1/00	
		WO 01/01197						Jan. 4, 2001	PCT	G03D	5/00	
		WO 01/13174 A1						Feb. 22, 2001	PCT	G03D	5/06	
		EP 0 261 782 A2						Aug. 14, 1987	Europe	H04N	1/46	
		EP 0 422 220 A1						Mar. 28, 1989	Europe	A61B	6/03	
		EP 0 482 790 B1						Sep. 9, 1991	Europe	H04N	1/40	
		EP 0 525 886 A3						Jul. 21, 1992	Europe	G03D	5/00	
		EP 0 580 293 A1						Jun. 22, 1993	Europe	H04N	1/04	
D.R.		EP 0 669 753 A2						Feb. 24, 1995	Europe	H04N	1/407	
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)												
D.R.		<i>"Protorealistic Ink-Jet Printing Through Dynamic Spot Size Control"</i> , Wallace, D., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sep/Oct. 1996.										
		<i>"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package"</i> , Hayes, D., et al., MicroFab Technologies, Inc.										
		<i>"A Method of Characterisitics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model"</i> , Wallace, D., MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.										
D.R.		<i>"Digital Imaging Equipment White Papers"</i> , Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging , Nikon Corporation, Nov. 28, 2000.										

EXAMINER *R. J. L.* DATE CONSIDERED *7/9/04*

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FORM PTO-1449		ATTY. DOCKET	86461
		SERIAL NO.	10/197,620 10/792708
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION		APPLICANT	Winberg et al.
		FILING DATE	7/16/2003
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UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
<i>DR</i>		4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214
		5	0	3	4	7	6	7	Jul. 23, 1991	Netz et al.	354	317
		5	1	0	1	2	8	6	Mar. 31, 1992	Patton	358	487
		5	1	2	4	2	1	6	Jun. 23, 1992	Giapis et al.	430	30
		5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214
		5	1	9	6	2	8	5	Mar. 23, 1993	Thomson	430	30
		5	2	1	2	5	1	2	May 18, 1993	Shiota	354	319
		5	2	3	1	4	3	9	Jul. 27, 1993	Takahashi et al.	354	313
		5	2	3	5	3	5	2	Aug. 10, 1993	Pies et al.	346	140
		5	2	5	5	4	0	8	Oct. 26, 1993	Blackman	15	308
		5	2	6	6	8	0	5	Nov. 30, 1993	Edgar	250	330
		5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527
		5	2	9	2	6	0	5	Mar. 8, 1994	Thomson	430	30
		5	2	9	6	9	2	3	Mar. 22, 1994	Hung	358	527
		5	3	5	0	6	5	1	Sep. 27, 1994	Evans et al.	430	21
		5	3	5	0	6	6	4	Sep. 27, 1994	Simons	430	362
		5	3	5	7	3	0	7	Oct. 18, 1994	Glanville et al.	354	324
<i>DR</i>		5	3	6	0	7	0	1	Nov. 1, 1994	Elton et al.	430	501
<i>DR</i>		5	3	7	1	5	4	2	Dec. 6, 1994	Pauli et al.	348	262

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
<i>DR</i>		EP 0 794 454 A2							Feb. 28, 1997	Europe	G03B	27/73
<i>DR</i>		EP 0 930 498 A2							Dec. 21, 1998	Europe	G01N	21/88

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FORM PTO-1449		ATTY. DOCKET	86461
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LIST OF PATENTS AND PUBLICATIONS		APPLICANT	Winberg et al.
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	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
DR	5 3 9 1 4 4 3	Feb. 21, 1995	Simons et al.	430	21
	5 4 1 4 7 7 9	May 9, 1995	Mitch	382	199
	5 4 1 6 5 5 0	May 16, 1995	Skye et al.	354	298
	5 4 1 8 1 1 9	May 23, 1995	Simons	430	507
	5 4 1 8 5 9 7	May 23, 1995	Lahcanski et al.	355	76
	5 4 3 2 5 7 9	Jul. 11, 1995	Tokuda	354	293
	5 4 3 6 7 3 8	Jul. 25, 1995	Manico	358	503
	5 4 4 0 3 6 5	Aug. 8, 1995	Gates et al.	354	298
	5 4 4 7 8 1 1	Sep. 5, 1995	Buhr et al.	430	20
	5 4 4 8 3 8 0	Sep. 5, 1995	Park	358	520
	5 4 5 2 0 1 8	Sep. 19, 1995	Capitant et al.	348	651
	5 4 6 5 1 5 5	Nov. 7, 1995	Edgar	358	500
	5 5 1 6 6 0 8	May 14, 1996	Hobbs et al.	430	30
	5 5 4 6 4 7 7	Aug. 13, 1996	Knowles et al.	382	242
	5 4 9 6 6 6 9	Mar. 5, 1996	Pforr et al.	430	22
	5 5 5 0 5 6 6	Aug. 27, 1996	Hodgson et al.	345	202
	5 5 1 9 5 1 0	May 21, 1996	Edgar	358	471
DR	5 5 5 2 9 0 4	Sep. 3, 1996	Ryoo et al.	358	518
	5 5 6 3 7 1 7	Oct. 8, 1996	Koeng et al.	358	406

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

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D.R		5	5	6	8	2	7	0	Oct. 22, 1996	Endo	358	298
		5	5	7	6	8	3	6	Nov. 19, 1996	Sano et al.	358	302
		5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518
		5	5	9	6	4	1	5	Jan. 21, 1997	Cosgrove et al.	358	296
		5	6	2	7	0	1	6	May 6, 1997	Manico	430	434
		5	6	6	4	2	5	3	Sep. 2, 1997	Mevers	396	603
		5	6	6	4	2	5	5	Sep. 2, 1997	Wen	396	627
		5	6	6	7	9	4	4	Sep. 16, 1997	Reem et al.	430	359
		5	6	7	8	1	1	6	Oct. 14, 1997	Sugimoto et al.	396	611
		5	6	9	1	1	1	8	Nov. 25, 1997	Haye	430	357
		5	6	9	5	9	1	4	Dec. 9, 1997	Simon et al.	430	379
		5	6	9	8	3	8	2	Dec. 16, 1997	Nakahanada et al.	430	418
		5	7	2	6	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474
		5	7	3	9	8	9	7	Apr. 14, 1998	Frick et al.	355	40
		5	7	7	1	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464
		5	7	9	0	2	7	7	Aug. 4, 1998	Edgar	358	487
		5	8	3	5	8	1	1	Nov. 10, 1998	Tsumura	396	598
↓		5	8	7	0	1	7	2	Feb. 9, 1999	Blume	355	27
D.R		5	8	8	0	8	1	9	Mar. 9, 1999	Tanaka et. Al.	355	75

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER: W. J. [Signature] DATE CONSIDERED 7/9/04

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10/197,620

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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
D.R.		WO 98/25399	Jun. 11, 1998	PCT	H04N	1/38
		WO 98/34157	Aug. 6, 1998	PCT	G03D	
		WO 99/43149	Aug. 26, 1999	PCT	H04N	1/100
		WO 01/45042 A1	Jun. 21, 2001	PCT	G06T	5/00
		WO 01/50192 A1	Jul. 12, 2001	PCT	G03C	7/407
		WO 01/50193 A1	Jul. 12, 2001	PCT	G03C	7/407
		WO 01/50194 A1	Jul. 12, 2001	PCT	G03C	7/407
		WO 01/50197 A1	Jul. 12, 2001	PCT	G03C	7/42
		WO 01/52556 A2	Jul. 19, 2001	PCT	H04N	9/11
		EP 0 580 293 A1	Jan. 26, 1994	Europe	H04N	1/04
		EP 0 601 364 A1	Jun. 15, 1994	Europe	H04N	1/387
		EP 0 768 571 A2	Apr. 16, 1997	Europe	G03D	13/00
		EP 0 806 861 A1	Nov. 12, 1997	Europe	H04N	1/00
D.R.		EP 0 878 777 A2	Nov. 18, 1998	Europe	G06T	5/40

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